

Title (en)
FASTENING DEVICE

Title (de)
BEFESTIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE FIXATION

Publication
EP 3875414 A4 20221116 (EN)

Application
EP 19877823 A 20190708

Priority
• CN 201811275410 A 20181030
• CN 2019095128 W 20190708

Abstract (en)
[origin: EP3875414A1] Provided is a fastening device (100), including a housing unit (200), a knob (500), a detent unit (400) and a wire coil (300), wherein the knob drives the detent unit to switch between a first position and a second position in an axial direction; when the detent unit is located at the first position, the detent unit prevents the wire coil from rotating in a first direction; and when the detent unit is located at the second position, an engagement portion (460) is engaged with at least one meshing tooth (230), and the detent unit does not prevent the wire coil from rotating in the first direction. The reliability of the structure to which the fastening device is applied can thus be enhanced.

IPC 8 full level
A43C 11/16 (2006.01)

CPC (source: CN EP KR US)
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Citation (search report)
• [XA] WO 2018086068 A1 20180517 - CHEN CHIN CHU [CN]
• [A] KR 101833680 B1 20180228 - KIM JUNG GON [KR]
• See also references of WO 2020087975A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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EP 19877823 A 20190708; CN 201811275410 A 20181030; CN 2019095128 W 20190708; JP 2020551358 A 20190708; JP 2022175956 A 20221102; KR 20217007221 A 20190708; US 201917261167 A 20190708